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(54) Title: **INSECTICIDAL PROTEINS FROM PAECILOMYCES AND SYNERGISTIC COMBINATIONS THEREOF**

(57) Abstract: The present invention relates to insecticidal proteins, in particular proteins obtainable from *Paecilomyces* sp such as *Paecilomyces farinosus*. In a preferred embodiment the invention provides insecticidal proteins having the amino acid sequence depicted as SEQ ID No. 1. The invention also provides an insecticidal synergistic protein combination comprising a first insecticidal protein according to the invention in combination with a further protein. Preferably the further protein is an insecticidal crystal endotoxin (CRY) protein. Also provided are polynucleotides encoding the proteins and plants which are capable of producing the proteins or protein combination.

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